Triplicate

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No.1st & Final Bill

Date.....2010

Division: **Electricals** ( ) Sub-Division: **Electricals**

complsn date ?

24.3.2019

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :**-013-18-000080

Schedule Docket No. Head of Account : P – D.R.No.

Name of Work. Providing LED Lights at Mallasandra Ward No 13.

Name of Contractor and Full Address:- M/s Technical Manager, KRIDL BBMP Bengaluru..

Reference to Agreement No: EE/Ele/DZ/WO/000032/2018-19 Date:- 07/03/2019

Certified that the measurements were taken by me on 24/3/19 and recorded of Pages 512867 to 512870 of measurement Book No. 5129 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

K.N. Baddy JE Ele

JUNIOR ENGINEER (Ele) Bruhath Bangalore Mahanagara Palike Dasarahalli Zone, Bangalore

Contractor

Certified that the measurements were taken by me on ..... and found correct. The work is satisfactorily executed. 24/3/19

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ASSISTANT EXECUTIVE ENGINEER (Ele) Sub-Division Officer Bruhat Bangalore Mahanagara Palike

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	998403 -
2)	Deduct amount to be held in reserve being .....percent Rs.....	2% I.T. 19970 -
3)	" Balance	H. cost 8914 =
4)	Deduct Payment:	L.W. cost 8914 -
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	L.W.C 9985 -
	adjusted towards cash advance recovery of	0.1% CRF 1000 -
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	ST. PB 48920 -
		TDS 97703 =
		Net 900700 -
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

4,716.31

Contractor's Signature

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....Initials of Officer making payme

7,775T4

Certified for Rs. 998403/-

Paid by Cheque for Rs. 900700/-

(Rupees Nine lakh seven hundred only)

by adjustment 97703/-

Accounts Superintendent Asst. Executive Engineer (Ele)

B.B.M.P. Dasarahalli Division

Scanned by CamScanner

Sl no	Description of item	Unit
	Name of the Work:- Providing LED Lights at Mallasandra Ward No 13.	
1	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED LED Streetlight 24watts	Nos
2	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos
3	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B.1.5 sqmm	Mtrs
4	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories.Single bracket 1.5 Mtr. Length	Nos
5	Supply and erection of .....Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM 9Mtr 145Kg WL	Nos
6	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	Mtrs
7	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Mtrs
8	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM RCC Clamp	Nos
9	Supplay of 2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos
10	Suspension clamp suitable for insulated Messsenger wire of size 25 to 95Sq mm	Nos
11	Universal Hook and Bolts & Nuts	Nos
12	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos
13	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos
14	Fixing of Universal Hook/Dead end clamp	Nos
15	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos
16	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100-125Amps	Nos
17	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group A, PWD Elec SR 2006-07.	Nos
	Total Rs	
	Add KRIDL Charges 11.0%	
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned by CamScanner

Bill Received No

Previous		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate	Amount	Qty	Cost	
		92	6912.00	635904.00	92	635904.00	
		92	176.00	16192.00	92	16192.00	
		670	15.90	10653.00	670	10653.00	
		46	1292.00	59432.00	46	59432.00	
		10	8029.00	80290.00	10	80290.00	
		363	143.00	51909.00	363	51909.00	
		363	10.30	3738.90	363	3738.90	
		14	84.00	1176.00	14	1176.00	
		14	162.00	2268.00	14	2268.00	
		10	325.00	3250.00	10	3250.00	
		10	305.00	3050.00	10	3050.00	
		4	200.00	800.00	4	800.00	
		10	115.00	1150.00	10	1150.00	
		4	115.00	460.00	4	460.00	
		10	96.00	960.00	10	960.00	
		2	9915.00	19830.00	2	19830.00	
		2	4200.00	8400.00	2	8400.00	
				899462.90		**899462.90**	
				98940.92		8994.63	98940
				998403.82		**908457.53**	

998403

Scanned by CamScanner